TECHNICAL MANUAL

ORGANIZATIONAL, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST (INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)

CHARLES E STUBBS

ILLUSTRATION SUPPLEMENT RAIL, LAUNCHING-HANDLING GUIDED MISSILE, M3A1 1450-00-474-0717

IMPROVED NIKE-HERCULES AIR DEFENSE GUIDED MISSILE SYSTEM

CHARLES E STUBBS

DEPARTMENT OF THE ARMY

JANUARY 1984

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TM 9-1440-250-24P-6-2

HEADQUARTERS,
DEPARTMENT OF THE ARMY
Washington, D. C., 29 January 1984

PLES E STUBBS

Organizational, Direct Support, and General Support Maintenance

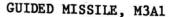
Repair Parts and Special Tools List

(Including Depot Maintenance Repair Parts and Special Tools)

ILLUSTRATION SUPPLEMENT

FOR

RAIL, LAUNCHING-HANDLING



1450-00-474-0717

(IMPROVED NIKE-HERCULES AIR DEFENSE GUIDED MISSILE SYSTEM)

Current as of 2 November 1983

REPORTING OF ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in back of this manual direct to: Commander, U. S. Army Missile Command, ATTN: DRSMI-SNPS, Redstone Arsenal, AL 35898. A reply will be furnished to you.

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	00 375427,0754	Numerical Index	4-1

^{*}This manual supersedes TM 9-1440-250-24P-6-2, dated 4 August 1980.

Section I. INTRODUCTION

1. Scope.

This manual depicts illustrations that will aid in the identification of authorized spares and repair parts; special tools, special test, measurement and diagnostic equipment (TMDE), and other support equipment, required for performance of organizational, direct support and general support maintenance of the Rail, M3Al.

General.

This Repair Parts and Special Tools List Illustration Supplement is divided into the following sections:

- a. Section II. Illustrations, Assembly Parts Breakdown. This section is divided as follows:
- (1) Assembly Parts Breakdown List. This list is furnished to aid in locating components, assemblies, and subassemblies and indicates by indenture the generation breakdown level of the item.
- (2) Cross-Reference Numercial List. This list is furnished as an aid in locating items by part number that appear on the assembly parts breakdown list.
- b. Section III. Illustrations. A series of exploded views of assemblies and subassemblies arranged in figure number sequence. All exploded parts are identified with callout numbers placed in clockwise sequence. The first illustration will depict the end item followed by an exploded view illustration or series of illustrations of the major assembly prior to the breakdown of its subassemblies. The subassemblies are then illustrated in the order that they appeared and were indexed on the major assembly.
- c. Section IV. Numerical Index. A list, in alphanumeric sequence, of all part numbers appearing in the illustration legends. Part numbers are cross-referenced to each illustration figure and item number appearance. This index is furnished as an aid in locating items in this supplement, and authorized items in the Repair Parts and Special Tools List.

3. Special Information.

- a. Repair Parts and Special Tools List. The listing of authorized repair parts for the equipment contained in this illustration supplement are located in TM 9-1440-250-24P-6-1, Repair Parts and Special Tools List. Items that appear on the illustrations, but which are not listed in the Repair Parts and Special Tools List, are not authorized repair parts. In such cases, or where differences exist between information found in this Supplement and the Repair Parts and Special Tools List, the information found in the Repair Parts and Special Tools List manual will prevail for requisitioning purposes.
- b. Quantity Per Illustrated Application. The quantity per illustrated application will be shown in the legend to the right of the referenced number. The asterisk (*) shown on the illustration legend denotes "as required."

c. Wiring Harnesses. Wiring harnesses that require a separate illustration(s) for component identification, or cable asemblies and test leads composed of common type components, have been assigned a control number and the component parts are identified at the end of Section III. The assembled items are identified at their first appearance and refer to an illustration for details. The referenced illustration depicts all components of the wiring harnesses, cable assemblies, or test leads. Following the referenced illustration is an application page(s) listing the components and quantities per each wiring harness, cable assembly, or test lead.

4. How to Locate Repair Parts.

- a. When National stock number or part number is unknown:
- (1) First. Using the table of contents, find the Illustrations, Assembly Parts Breakdown.
- (2) <u>Second</u>. Using the Illustrations, Assembly Parts Breakdown, determine the assembly within which the repair part belongs.
- (3) Third. Find the illustration covering the assembly to which the repair part belongs.
- (4) Fourth. Identify the repair part on the illustration and note the part number of the repair part.
- (5) Fifth. Refer to paragraph 3.a. above to determine the applicable TM where authorized repair parts are depicted. This is necessary since compatible repair parts and special tools for this supplement are shown in a separate Repair Parts and Special Tools List manual.
- (6) Sixth. Using the Index of National Stock Numbers and Part Numbers of the Repair Parts and Special Tools List, find the pertinent part number of item noted on the illustration. This index is in National item identification number (NIIN) sequence followed by a list of part numbers in alphanumeric sequence, cross-referenced to the index numbers shown in the illustration figure and item number column.
- (7) <u>Seventh</u>. After finding the index number in the figure and item number column of the Repair Parts and Special Tools List, locate the index number in the repair parts list.
 - b. When National stock number or part number is known:
- (1) First. Refer to paragraph 3.a. above to determine the applicable TM where authorized repair parts are depicted. This is necessary since compatible repair parts and special tools for this supplement are shown in a separate Repair Parts and Special Tools List manual.

- (2) <u>Second</u>. Using the Index of National Stock Numbers and Part Numbers of the Repair Parts and Special Tools List, find the pertinent National Stock Number or part number. This index is in NIIN sequence followed by a list of part numbers in alphameric sequence, cross-referenced to the index numbers shown in the illustration figure and item number column.
- (3) Third. After finding the index number in the figure and item number column of the NSN or Part Number Index of the Repair Parts & Special Tools List, locate the index number in the repair parts list.

SECTION II.

ILLUSTRATIONS, ASSEMBLY PARTS BREAKDOWN

1. Assembly Parts Breakdown Lis	ī		ustration Title	Figure No.
Note: The use of dots indicates a breakdown.	generation	-WHEEL ASS		
			/	28
Illustration Title	Figure No.	-WHEEL ASS	/	
RAIL, LAUNCHING-	2	•CYL INDER		29
HANDLING, GUIDED		ACTUATIN	G, LINEAR	
MISSILE, M3A1 /9027441/	,1		AND 8521453/-	
.RELEASE ASSEMBLY,			UNCHING RAIL	30
LAUNCHING RAIL			/	
/9032212/	10	70727207	,	32
BREAKAWAY ASSEMBLY.				
LAUNCHING RAIL				
/8525300/	11	2. Cross-Re	eference Numerical L	
• ELECTRICAL		Reference No.		30-10-
INSTALLATION,			Assembly	Figure No.
LAUNCHING RAIL		11067500	CABLE	
/8167172/	12		ASSEMBLY,	
CABLE ASSEMBLY SWITCH	9. 7. 7.		POWER.	
/8167414/	16		ELECTRICAL	23
CABLE ASSEMBLY SWITCH		11067515	CONNECTOR,	23
/8167414/	17		PLUG,	
CABLE ASSEMBLY	13.6		ELECTRICAL	
/13060170/	18		ASSEMBLY	25
CABLE ASSEMBLY	•	11067544	CABLE	25
/8167527/	19		ASS EMBLY,	
SWITCH SUBASSEMBLY	• ,		POWER,	
/8527134/	20		ELECTRICAL	22
HOUSING, SENSITIVE	20	13060170	CABLE	23
SWITCH /15605-49-		20000210	ASSEMBLY	• •
3161/	21	49-3161	HOUS ING,	18
BELL ASSEMBLY,	21	17 3101		
ELECTRICAL			SENSITIVE SWITCH	
INSTALLATION /8527036		8167172	ELECTRICAL	21
AND 8527037/	22	0101112		
.CABLE ASSEMBLY, POWER,	22		INSTALL A-	
ELECTRICAL /11067500			TION,	
AND 11067544/			LAUNCHING	
CONNECTOR, PLUG.	23	0147414	RAIL	12
ELECTRICAL /8526871/		8167414	CABLE	
CONNECTOR, PLUG,	24		ASS EMBLY	
ELECTRICAL ASSEMBLY		0167414	SWITCH	16
/11067515		8167416	WHEEL	
RELAY ASSEMBLY,	25	0147/25	ASSEMBLY	28
BLOWER /8521464/		8167435	WHEEL	
	76		ASSEMBLY	20
TERMINAL POARS	26	01/7507		29
/8525120 AND 8525121/	27	8167527	CABLE ASSEMBLY	29

Reference No.	Assembly	Figure No.	Reference No.	4	
8521441	CYL INDER		100	Assembly	Figure No.
			8527036	BELL	
	ASSEMBLY,			ASSEMBLY,	
	ACTUATING,			ELECTRICAL	
0531/53	LINEAR	30		INSTALLATION	22
8521453	CYLINDER		8527037	BELL	
	ASSEMBLY,			ASSEMBLY,	
	ACTUATING,			ELECTRICAL	
	LINEAR	30		INSTALLATION	
8521464	RELAY		8527134	SWITCH	22
	ASS EMBLY,	±-		SUBASSEMBLY	
	BLOWER	26	9027441	RAIL,	20
8525120	TERMINAL	20	7021441		
	BOARD	27		L AUNCHING-	
8525121	TERM INAL	21	,	HANDLING,	
	BOARD	27		GUIDED	
8525285	BR AK E.	21		MISSILE,	
	LAUNCHING		0000000	M3A1	1
			9032212	RELEASE	
8525300	RAIL	32		ASSEMBLY,	
031.3300	BREAKAWAY			LAUNCHING	
	ASSEMBLY,			RAIL	10
	LAUNCHING	9.30			
0526071	RAIL	11			
8526871	CONNECTOR,				
	PLUG,				
	ELECTRICAL	24			

SECTION III.

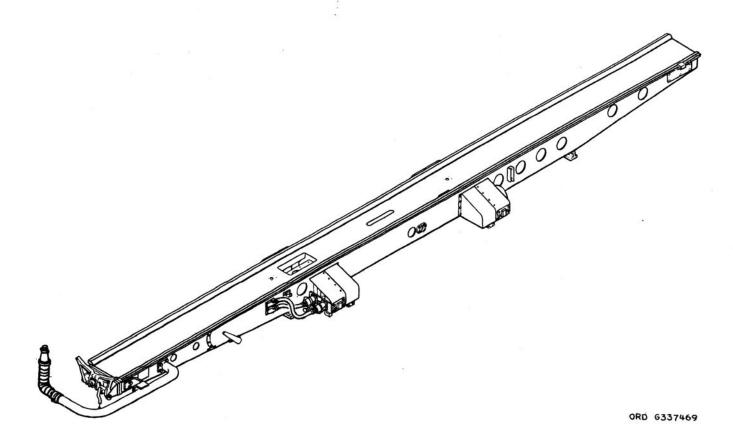


FIGURE 1. RAIL, LAUNCHING-HANDLING, GUIDED MISSILE, M3A1 /9027441/

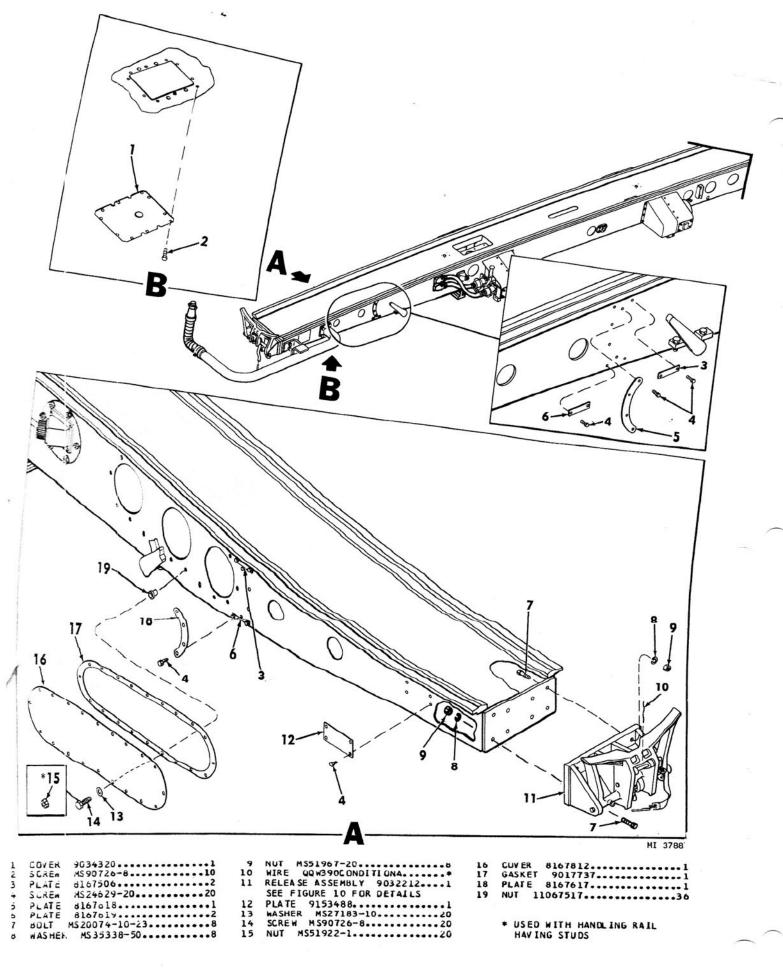


FIGURE 2. RAIL, LAUNCHING-HANDLING, GUIDED MISSILE, M3A1 /9027441/

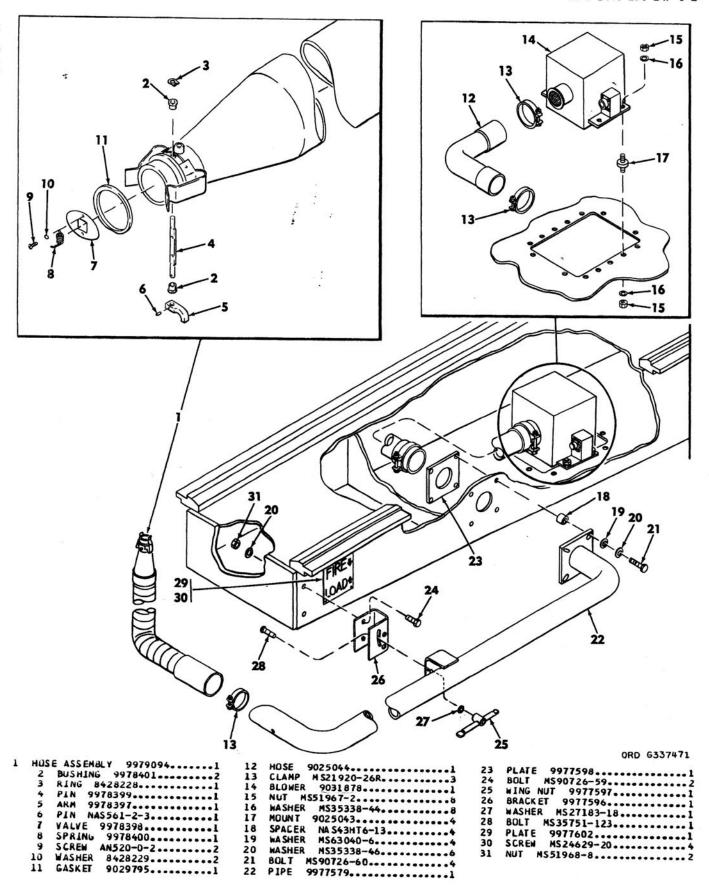


FIGURE 3. RAIL, LAUNCHING-HANDLING, GUIDED MISSILE, M3A1 /9027441/

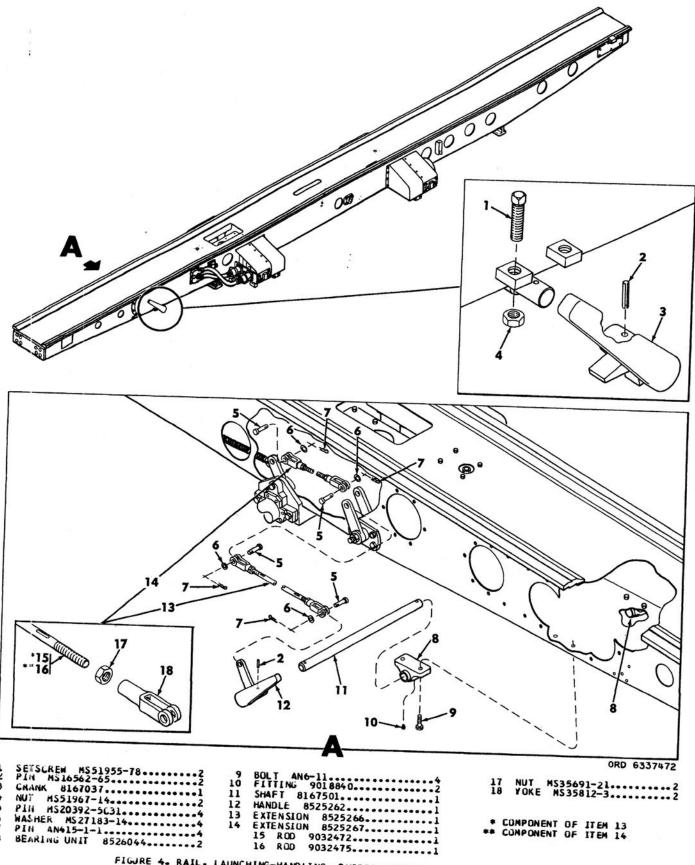


FIGURE 4. RAIL, LAUNCHING-HANDLING, GUIDED MISSILE, M3AL /9027441/

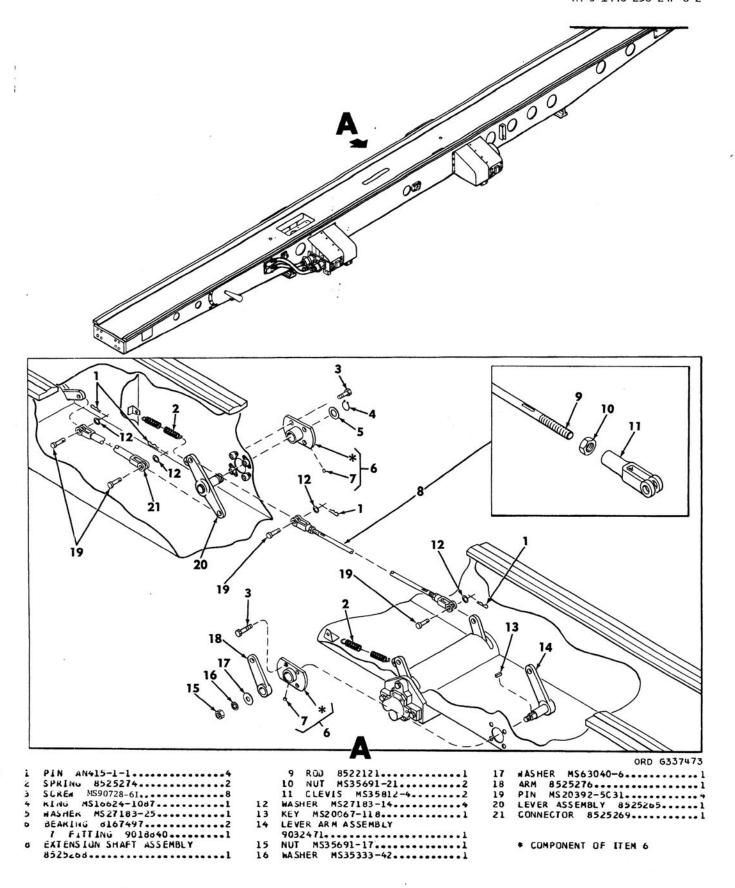
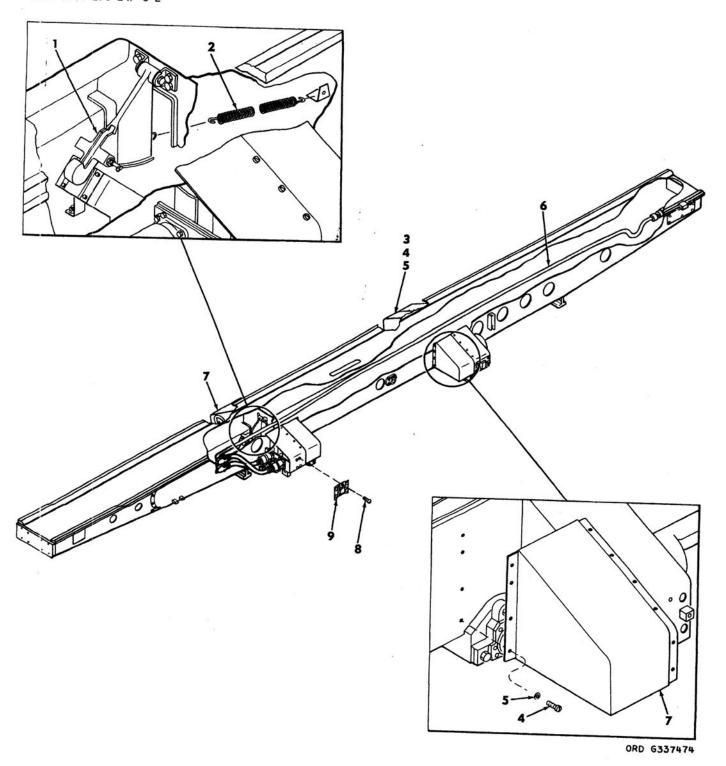


FIGURE 5. RAIL, LAUNCHING-HANDLING, GUIDED MISSILE, M3A1 /9027441/



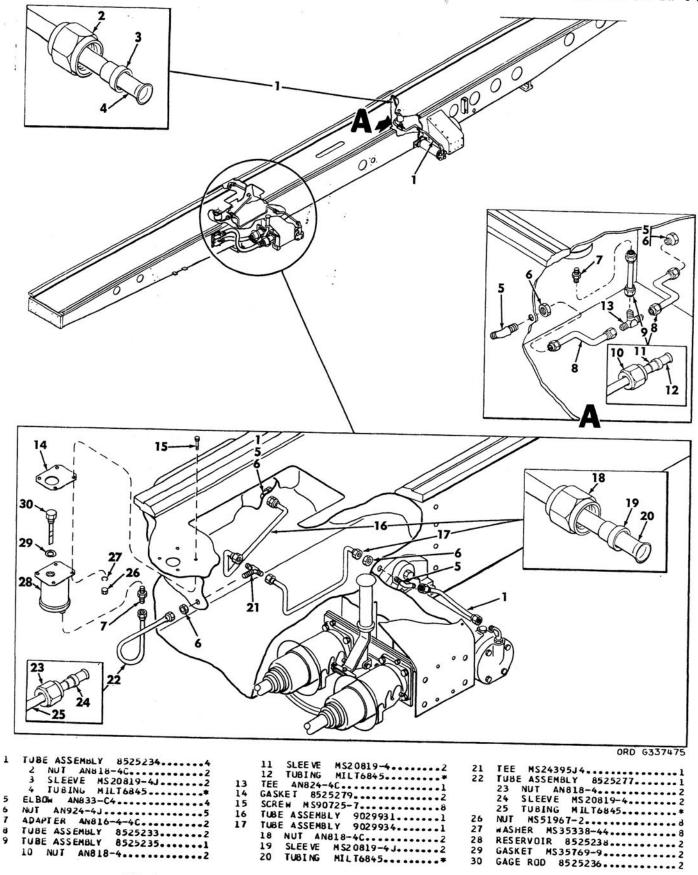


FIGURE 7. RAIL, LAUNCHING-HANDLING, GUIDED MISSILE, M3A1 /9027441/

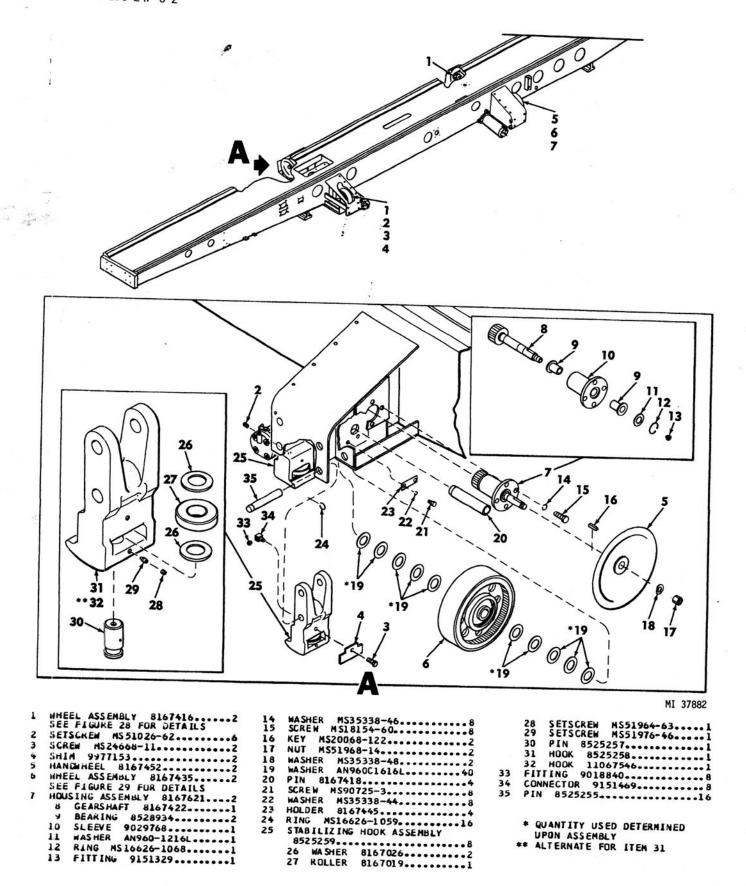


FIGURE 8. RAIL, LAUNCHING-HANDLING, GUIDED MISSILE, M3A1 /9027441/

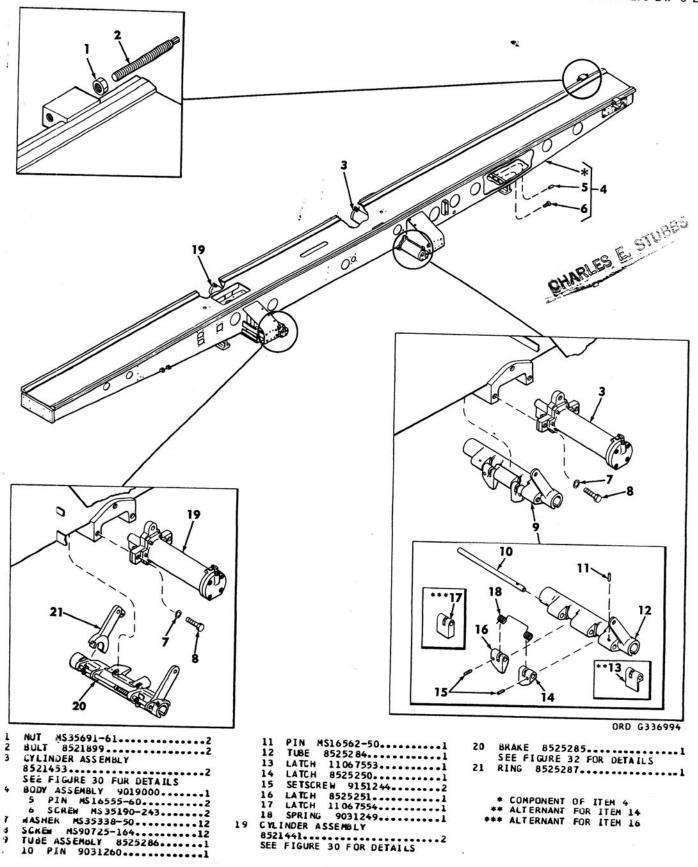
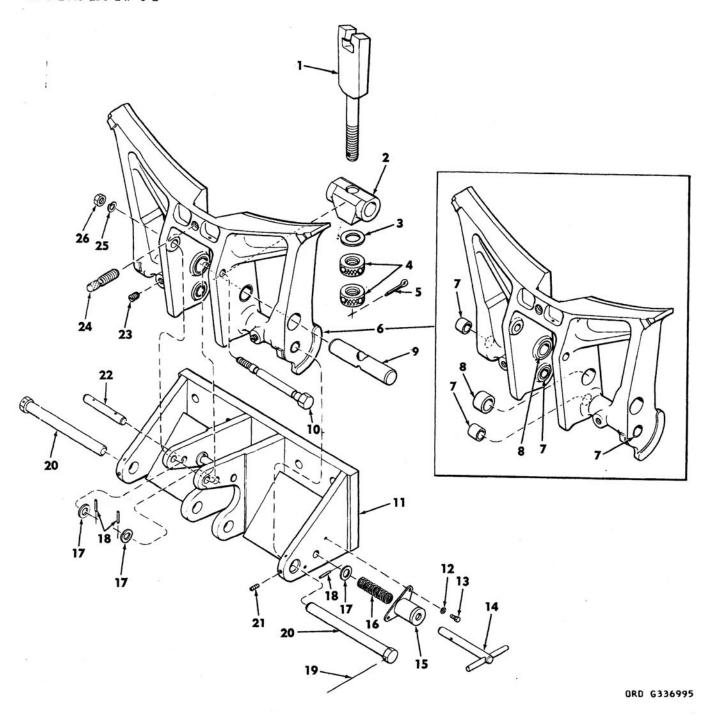
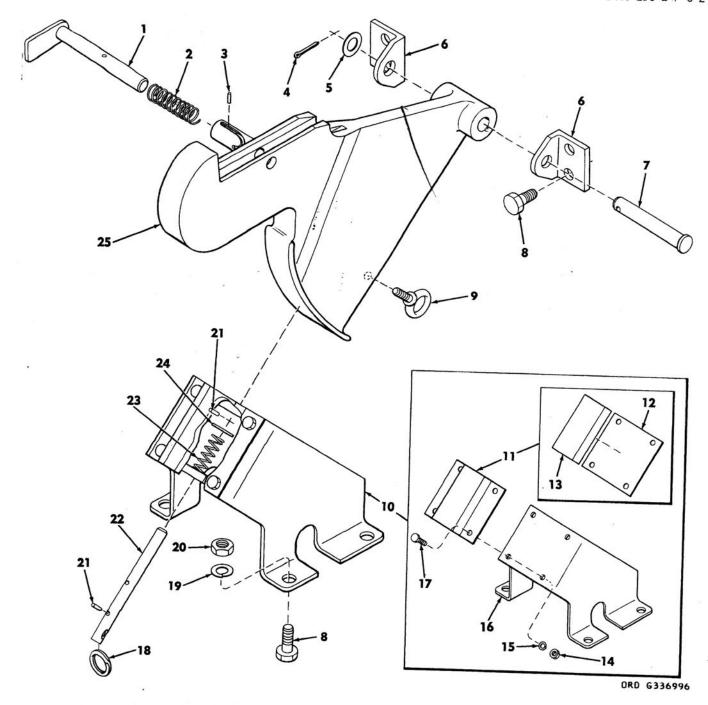


FIGURE 9. RAIL, LAUNCHING-HANDLING, GUIDED MISSILE M3A1 /9027441/



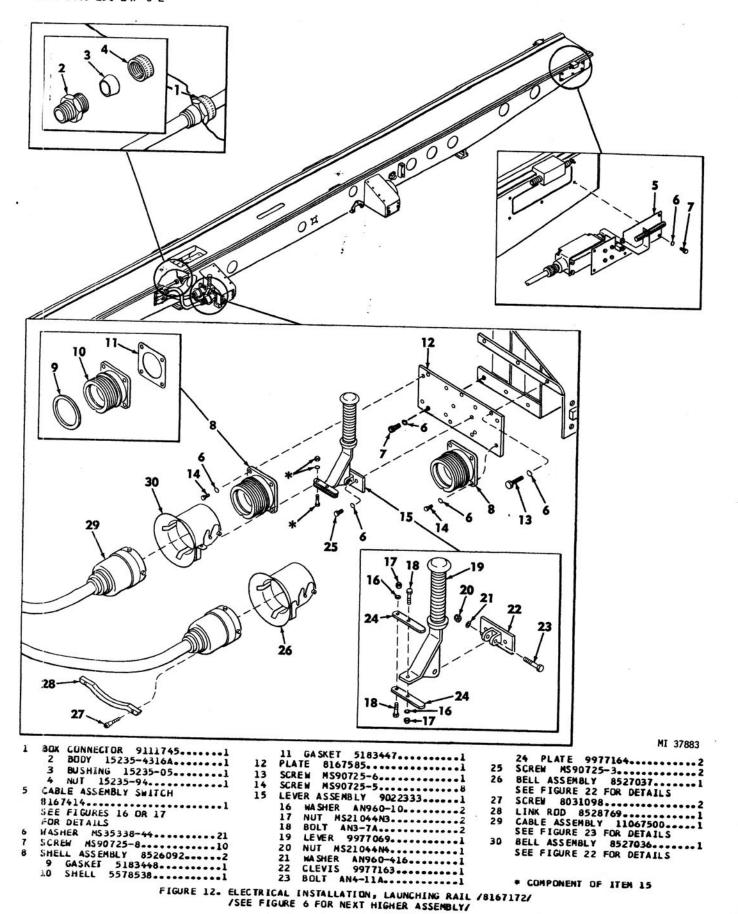
2	HULDER 90203831 CUUPLING 90204011 MASHER MS27183-231	10 11 12	BOLT 85218821 BRACKET ASSEMBLY 90321341 WASHER MS35338-442	19 20 21	WIRE QQW390CONDITIUNA* PIN 84282692
4		13	SCREW MS90725-32		SETSCREW MS51963-682 PIN 90203812
5			PIN 85243771		FITTING 90188402
0	7 BUSHING 85243854	15	HUUSING 8524384		THUMBS CREW 9151815
	5 BUSHING 91516432	17	SPR ING 8165440	25	WASHER MS35338-141
9	PIN 90203971	18	PIN MS16562-36	20	NUT MS35691-231

FIGURE 10. RELEASE ASSEMBLY, LAUNCHING RAIL /9032212/ /SEE FIGURE 2 FOR NEXT HIGHER ASSEMBLY/



\$27183-182 85253172 392-7C951 0726-608	1 1 1	STOP BRACKET ASSEMBLY 3525318	21 22 23 24	HOLDER 11067518
	1562-34	1562-34	11 BUMPER 8524940	1 BUMPER 8524940 1 20 1 12 PLATE 8524940 1 21 1 13 PAD 8524940 2 1 22 392-7C95 1 15 MASHER MS35338 4 24 0726-60 8 16 BRACKET 8524942 1 25

FIGURE 11. BREAKAWAY ASSEMBLY, LAUNCHING RAIL /8525300/ /SEE FIGURE 6 FOR NEXT HIGHER ASSEMBLY/



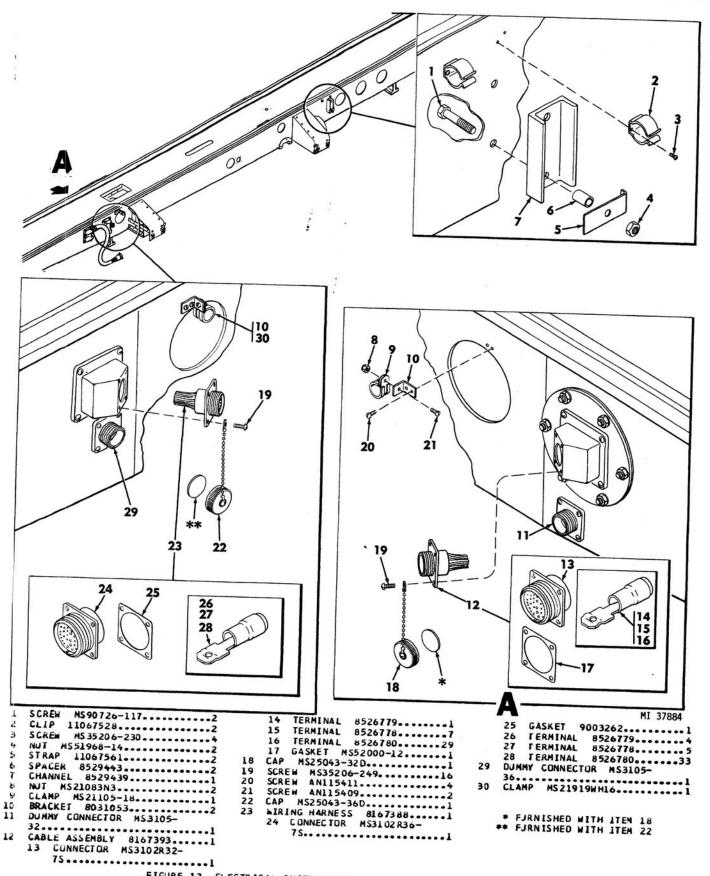


FIGURE 13. ELECTRICAL INSTALLATION, LAUNCHING RAIL /8167172/

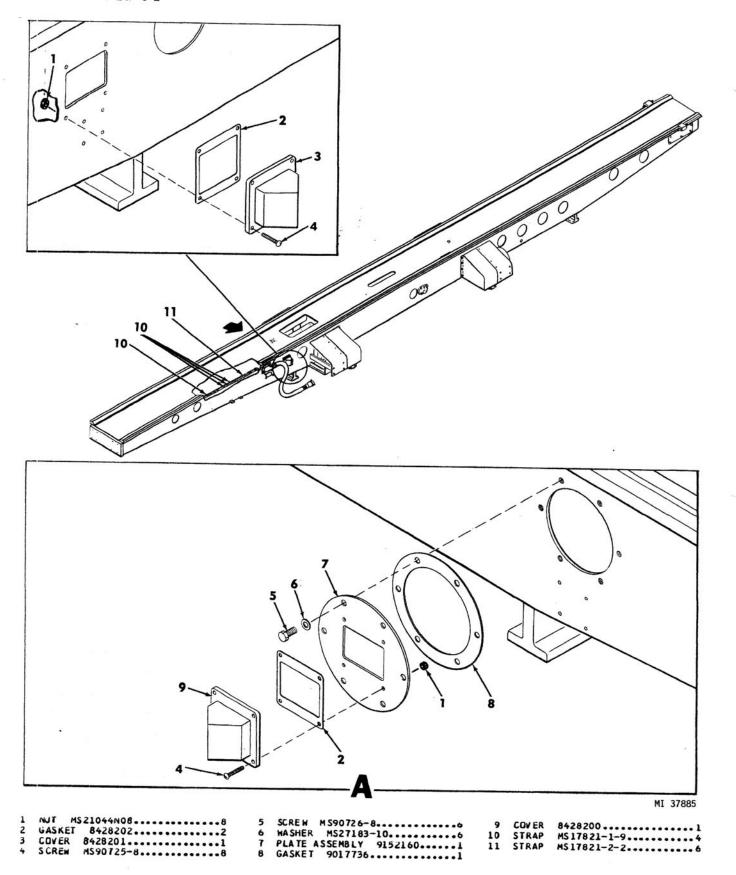


FIGURE 14. ELECTRICAL INSTALLATION, LAUNCHING RAIL /8167172/

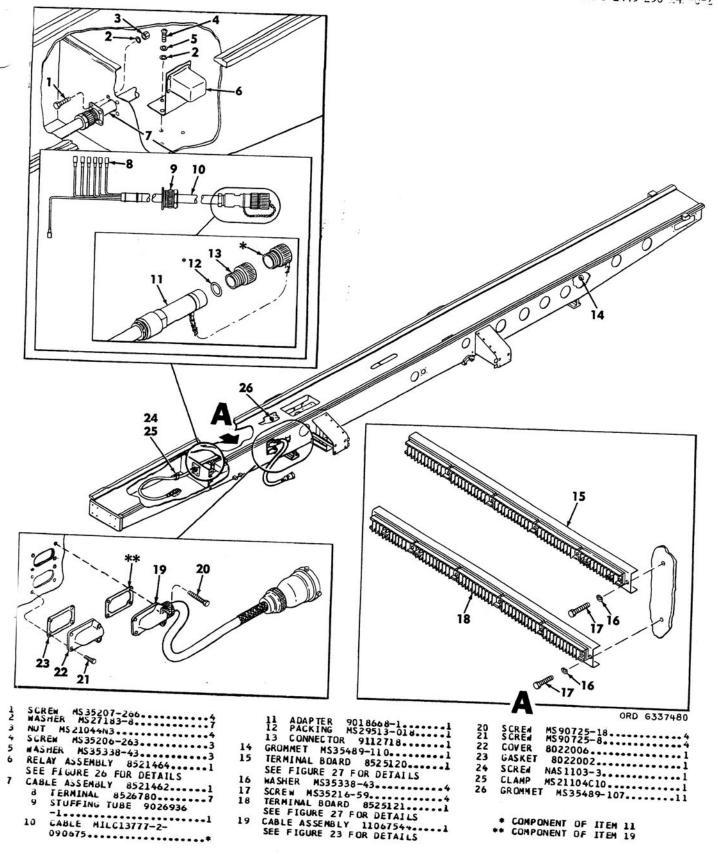
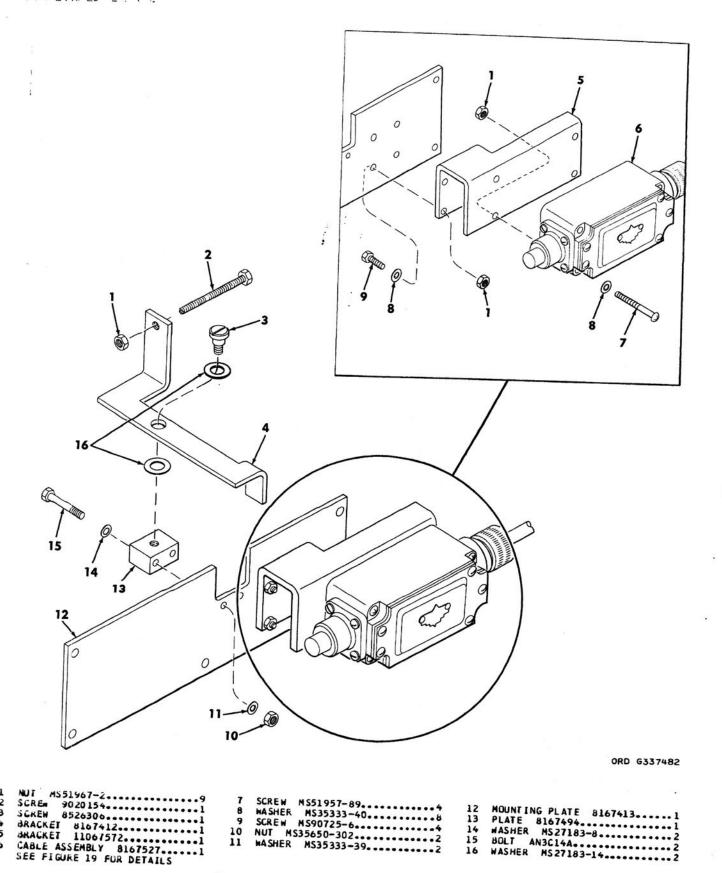
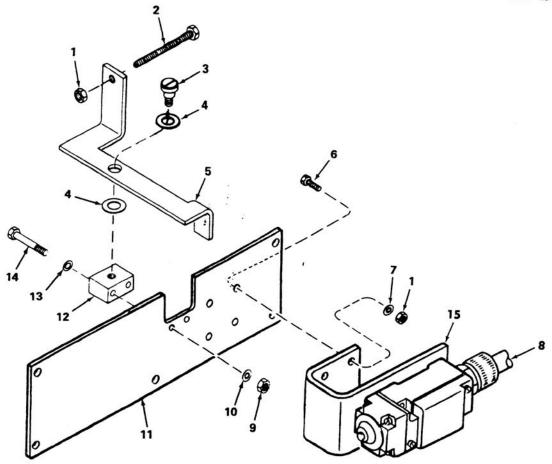


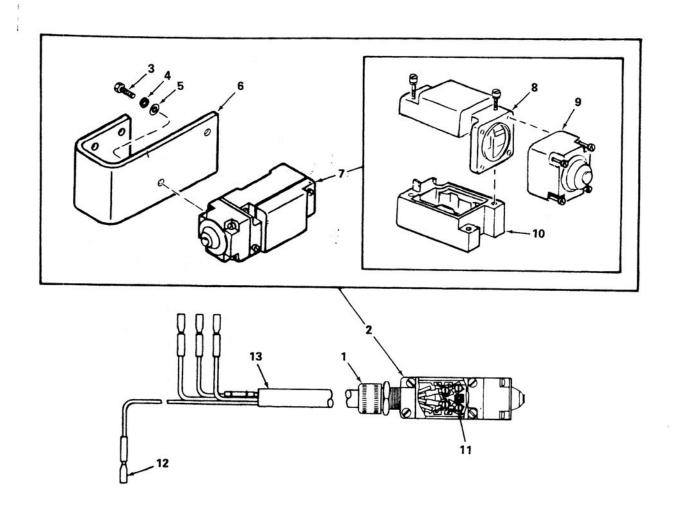
FIGURE 15. ELECTRICAL INSTALLATION, LAUNCHING RAIL /8167172/





MS009949

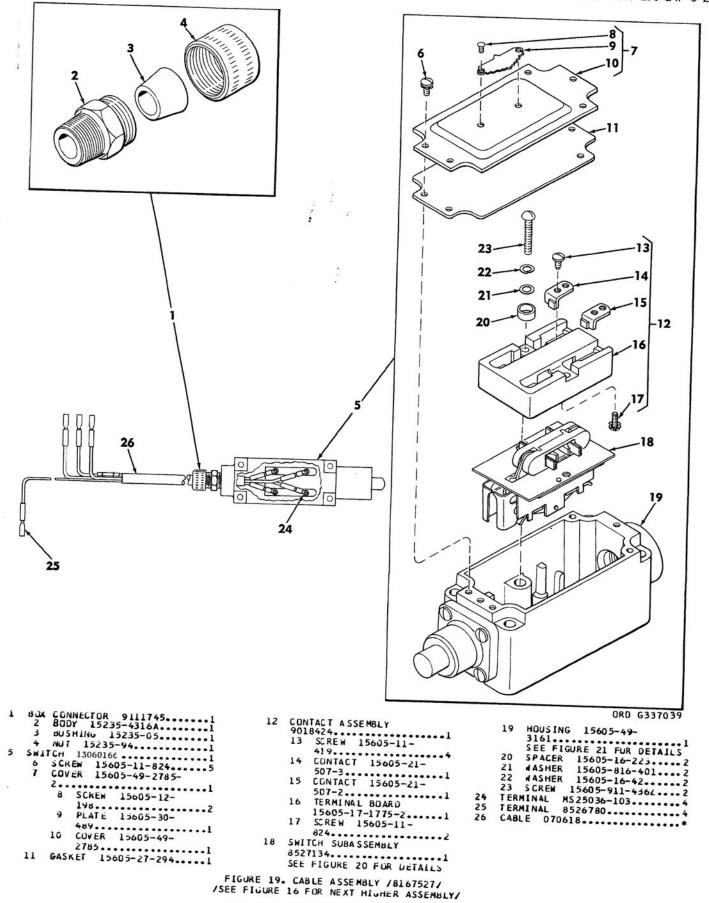
FIGURE 17. CABLE ASSEMBLY SWITCH /8167414/ /SEE FIGURE 12 FOR NEXT HIGHER ASSEMBLY/



MS010150

1 SCREW NAS1096-3-09 2 0 000V 5500	10 RECEPTACLE E50RA 11 TERMINAL MS25036-103 12 TERMINAL 8526780 13 CABLE 070618
------------------------------------	---

FIGURE 18. CABLE ASSEMBLY /13060170/ /SEE FIGURE 17 FOR NEXT HIGHER ASSEMBLY/



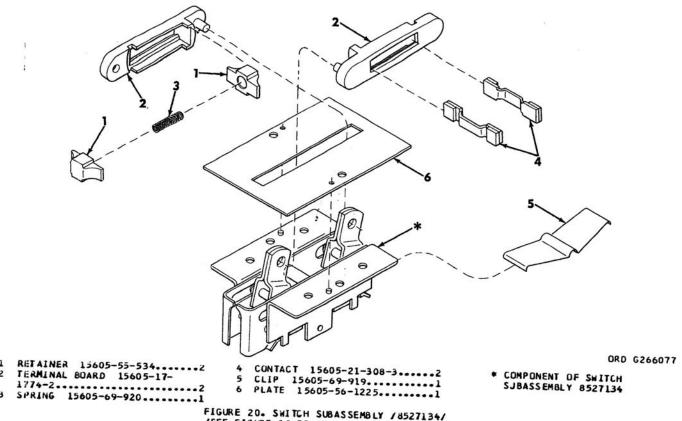


FIGURE 20. SWITCH SUBASSEMBLY /8527134/ /SEE FIGURE 19 FOR NEXT HIGHER ASSEMBLY/

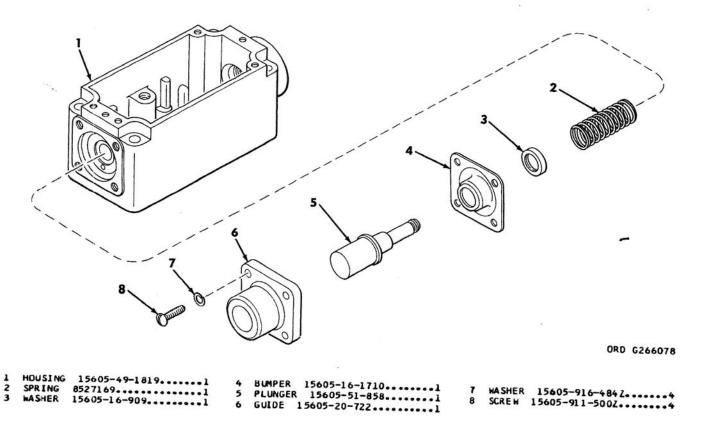
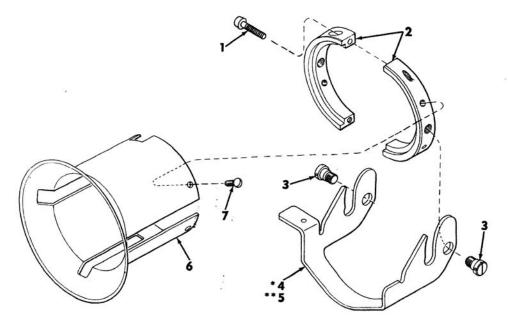


FIGURE 21. HOUSING, SENSITIVE SHITCH /15605-49-3161/ /SEE FIGURE 19 FOR NEXT HIGHER ASSEMBLY/



DRD G297306

FIGURE 22. BELL ASSEMBLY, ELECTRICAL INSTALLATION /8527036 AND 8527037/ /SEE FIGURE 12 FOR NEXT HIGHER ASSEMBLY/

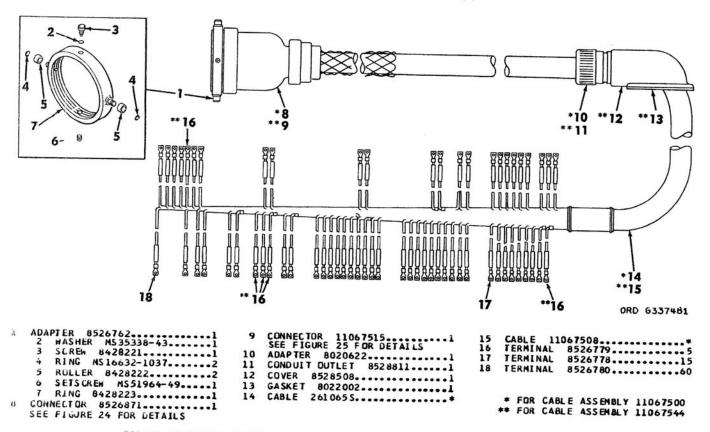
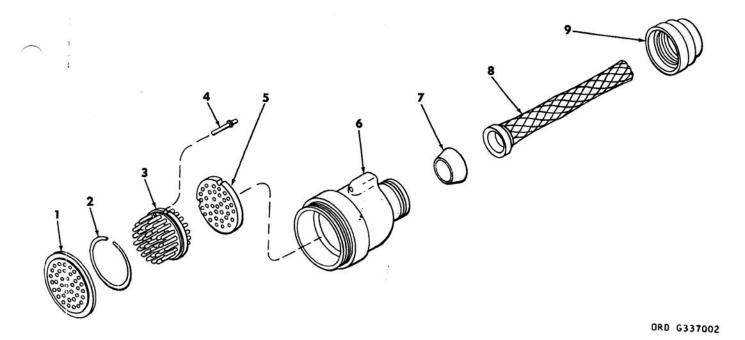


FIGURE 23. CABLE ASSEMBLY, POWER, ELECTRICAL /11067500 AND 11067544/ /SEE FIGURES 12 AND 15 FOR NEXT HIGHER ASSEMBLY/



> FIGURE 24. CONNECTOR, PLUG, ELECTRICAL /8526871/ /SEE FIGURE 23 FOR NEXT HIGHER ASSEMBLY/

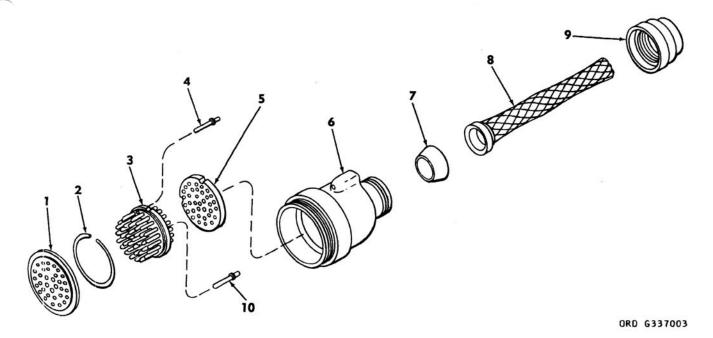
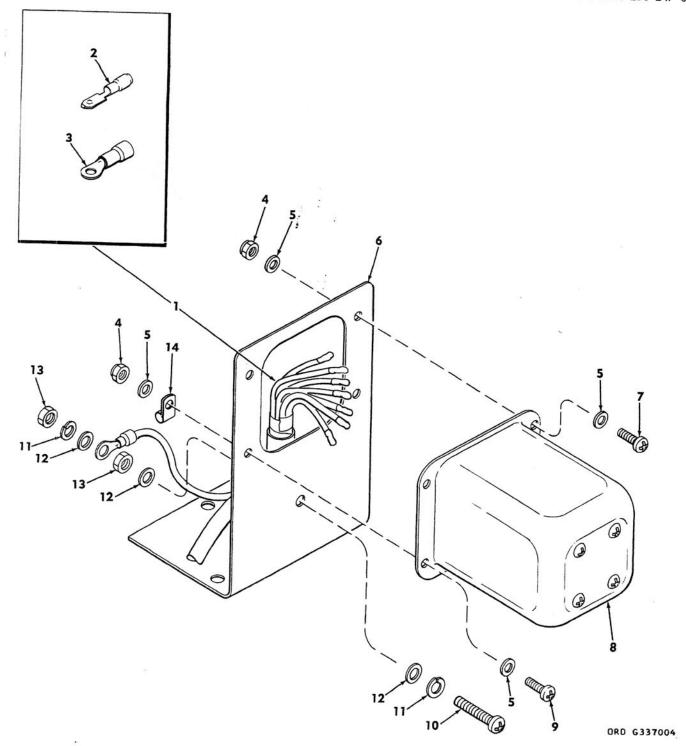
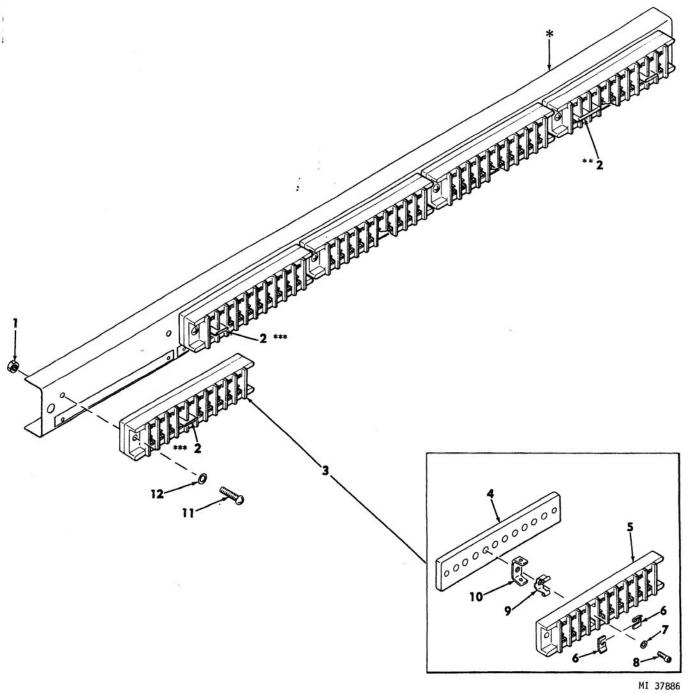


FIGURE 25. CONNECTOR, PLUG, ELECTRICAL ASSEMBLY /11067515 /SEE FIGURE 23 FOR NEXT HIGHER ASSEMBLY/



4	CABLE ASSEMBLY 85214611 2 TERMINAL 85267809 3 TERMINAL MS25036-1031 NJT MS21083N064 MASHEK MS27183-58	7 8 9	RELAY 84282191	12	HASHER MS35338-422 HASHER MS27183-73 NUT MS35649-2822 CLAMP MS25281R41
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FIGURE 26. RELAY ASSEMBLY. BLOWER /8521464/ /SEE FIGURE 15 FOK NEXT HIGHER ASSEMBLY/



 37000

2	NUT HS21083N06	7 WASHER T10021 8 SCREW T10011 9 CONTACT T10041 10 BRACKET T10051	**	COMPONE 8525120 FOR TES
	5 BOARD T1006-1	 SCREW MS51957-3210 WASHER MS27183-510		

^{*} COMPONENT OF TERMINAL BOARD 8525120 AND 8525121 ** FOR TERMINAL BOARD 8525120 ** FOR TERMINAL BOARD 8525121

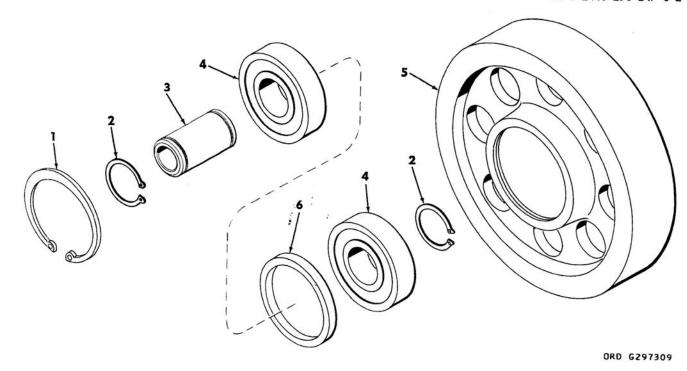


FIGURE 28. WHEEL ASSEMBLY /8167416/ /SEE FIGURE 8 FOR NEXT HIGHER ASSEMBLY/

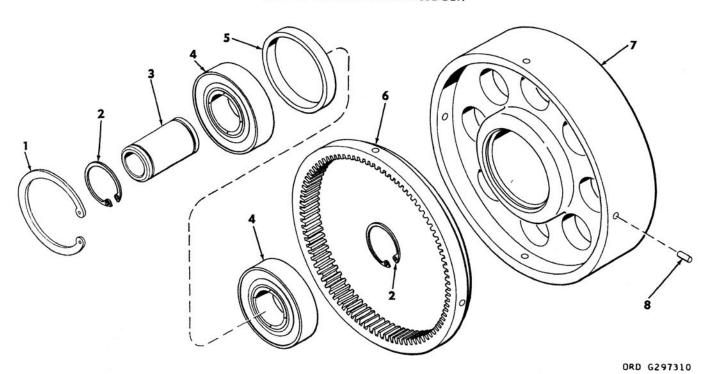


FIGURE 29. WHEEL ASSEMBLY /8167435/ /SEE FIGURE 8 FOR NEXT HIGHER ASSEMBLY/

4 BEARING 8528201......2 5 SPACER 8167420......1 6 GEAR 8167434......1

7 WHEEL 8167436.....1 8 PIN 589919.....4

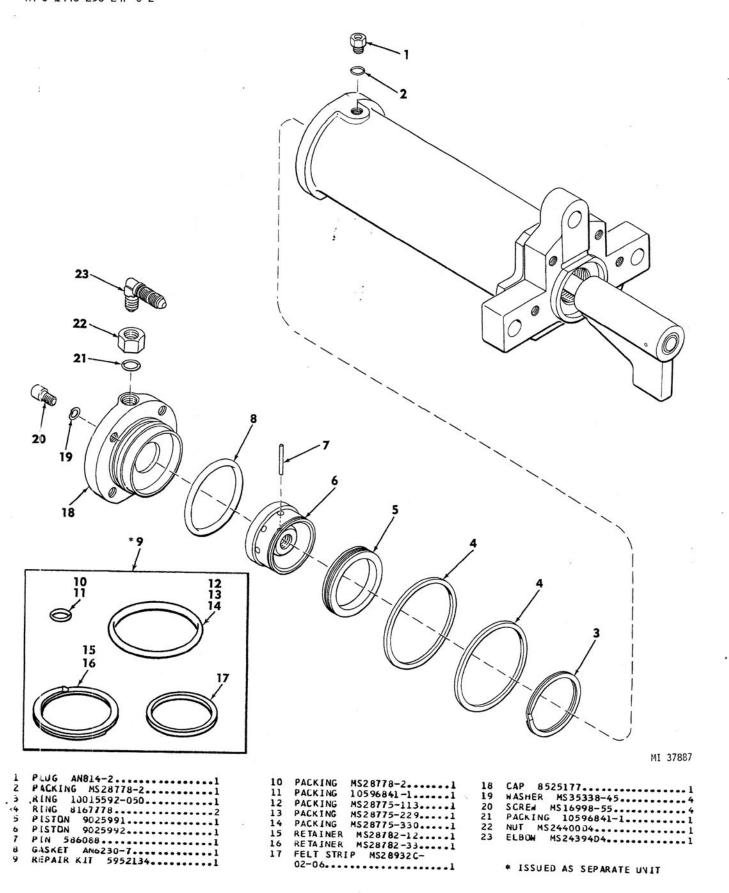


FIGURE 30. CYLINDER ASSEMBLY, ACTUATING, LINEAR /8521441 AND 8521453/ /SEE FIGURE 9 FOR NEXT HIGHER ASSEMBLY/

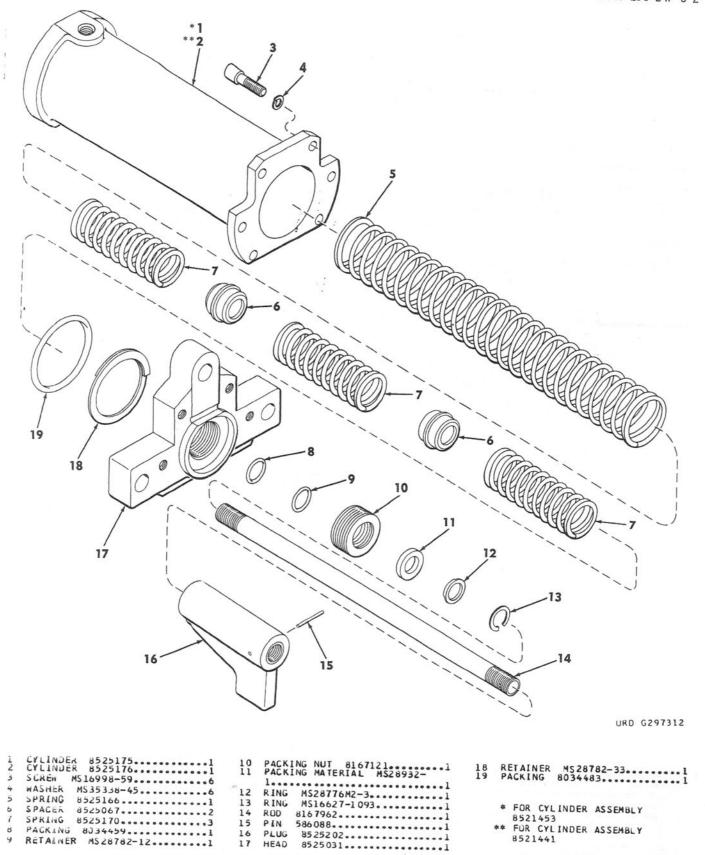


FIGURE 31. CYLINDER ASSEMBLY, ACTUATING, LINEAR /8521441 AND 8521453/

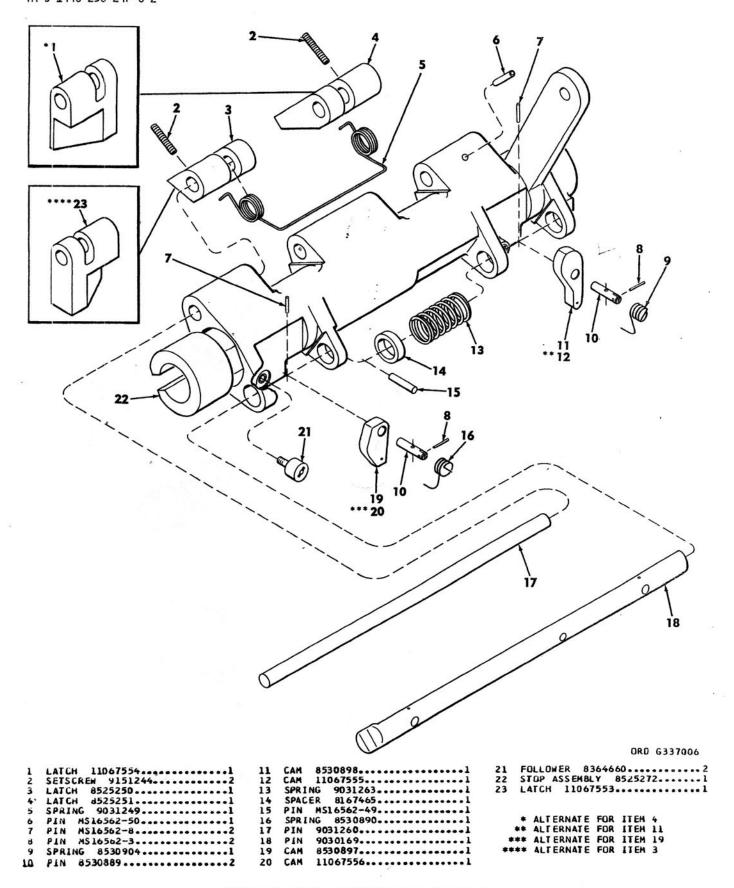


FIGURE 32. BRAKE, LAUNCHING RAIL /8525285/ /SEE FIGURE 9 FOR NEXT HIGHER ASSEMBLY/

SECTION IV. NUMERICAL INDEX

REFERENCE NUMBER	FIG		DEFFECT					
	NO.	NO.	REFERENCE NUMBER	FIG	. ITEM			
			NOMBER	NO.		KEFERENCE	FIG	604
AN115409	1	3				NUMBER	NO.	1,51
AN115411	•	3 21	MIL T6845 1-4X-03	5				Nn.
AN115411	1:	3 20	- 77 03		7 4	MS20068-122		
AN3-3A				-				8 16
	11	1 17		7		MS20074-10-23		
AN3-7A			MS16555-60		23		•	? 7
ANDER	12	18		9	5	MS20392-5C31	4	_
AN3CI 4A	16	15	MS16562-3				5	
	17	4.7		32	8	MS20392-7095	-	19
AN4-11A		14	MS16562-33			1020392-1695	11	7
114	12	23	MS1 (515	11	21	MS20819-4		
AN415-1-1			MS16562-34	11	3		7	
	4	7	MS16562-36		3	22 20 20 20 20 20 20 20 20 20 20 20 20 20	7	24
	5	1		10	18	MS20819-4J	7	_
AN520-0-2	3	9	MS16562-49		7.5		7	3 19
AN6-11	-	9		32	15	MS21044N08		19
ANG-11	4	9	MS16562-50	9			14	1
AN6230-7		5		32	11	MS21044N3		
	30	8	MS16562-65	-	6	5250 300 t-	12	17
AN814-2	30		7316362-65	4	2		15	3
	30	1	MS16562-8		-	MS21044N4	12	20
AN816-4-4C	7	•		32	7	MS21083N06		20
AN818-4		7	MS16624-1087	-		11321083N06	26	4
411010-4	7	10		5	4		27	1
	7	23	MS16625-1315	28	1	MS21083N3		-
AN818-4C	_			29	1		13	8
	7	2	MS16626-1059		-	MS21104C10	15	25
ANGO	,	18		8	24	MS21105-18		25
AN824-4C	7	13	MS16626-1068	•	4500		13	9
AN833-C4		13		8	12	MS21919WH16		
	7	5	MS16626-1137	28	2		13	30
AN924-4J	-			29	2	MS 21920-26R		9235
	7	6	MS16627-1093		2		3	13
AN960-10	12			31	13	MS24394D4	30	23
ANGCO	12	16	MS16632-1037			MS24395J4		23
AN960-1216L	8	11		23	4	1132439514	7	21
AN960-416		11	MS16998-29	22		MS24400D4		- 1
	12	21	MS1 4000 ==	22	1		30	22
4N960C1616L			MS16998-55	30	20	MS24629-20	2	
	8	19	MS1 6998-59				2	4
1N960C616L	11	24		31	3	MS 24.445	3	30
50DT 1		24	MS17821-1-9	1.		MS24665-155	10	5
3001 [18	9		14	10	MS24665-302		-
50RA		f	MS17821-2-2	14			11	4
	18	10	MS18154-60	14	11	MS24668-11		
50SA	10		11310134-60	8	15		8	3
	18	8	MS20002-8		1500	MS25036-103	18	11
ILC13777-2-090675	15	10		10	17		19	11
		10	MS20067-118	5	U22 1		26	3
				5	13	MS 25043-32D		10.55
							13	18

FIG. NO.

ITEM

REFERENCE NUMBER

REFERENCE NUMBER		IG. O.	ITEM NO.	REFERENCE NUMBER	F1		TEM	
8530889		32	10			- ,	10.	
8530890		32		9032143		10	6	
8530897			16	9032212		2	11	
8530898		32	19	9032471			14	
8530904		32	11	9032472				
9003262		32	9	9032475			.5	
9017736	1	13	25	9034320		_	.6	
9017737	1	4	8	911-4362	1.		1	
9018424		2	17	911-500Z	21	-	3	
9018668-1	1	9	12	9111745			8	
9018840	1	5	11		12	j	la la	
9018849		4	10	9112718	19	_		
	10	3	7 33	9151244	15	13		
9019000			23		9 32	15		
9019275	9		4	9151329	8	13		
9019300	11		2	9151469	8	34		
9020154	11		1	9151643	10	. 8		
	16 17		2	9151815	10			
9020381	10		22	9152160	14	24		
9020383	10		1	9153488	2	7		
9020397	10		9	916-4842		12		
9020398	10		4	94	21	7		
9020401	10		2		12 19	4		
9022333	12	1:		9977069	12	19		
9025043	3	17		9977153	8	4		
9025044	3			9977163	12	22		
9025991	30	12		9977164	12	24		
9025992		5		9977579	3	22		
9026936-1	30	6		9977596	3	26		
9029768	15	9		9977597	3	25		
9029795	8	10		9977598	3	23		
9029931	3	11		9977602	3	29		
9029934	7	16		9978397	3	5		
9030169	7	17		9978398	3			
9031249	32	18		9978399	3	7		
7031249	9 32	18		9978400		4		
9031260	9	10		9978401	3	8		
9031263	32	17		9979094	3	2		
9031263	32	13			3	1		
	3	14						
9032134	10	11						

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FIG.

ITEM

REFERENCE NUMBER

\	R EF ER ENC E NUMBER	FIG.	ITEM NO.	REFERENCE NUMBER	FIG.	ITEM
	8530889	32	10	9032143	10	
	8530890	32	16	9032212	10	6
	8530897	32	19	9032471	2	11
	8530898	32	11	9032472	5	14
	8530904	32	9	9032475	4	15
	9003262	13	25	9034320	4	16
	9017736	14	8	911-4367	2	1
	9017737	2	17		19	23
	9018424	19	12	911-5002	21	8
	9018668-1	15	11	9111745	12 18	1
	9018840	4	10	0112710	19	1
		5	7	9112718	15	13
		10	23	9151244	9 32	15
	9019000	9	4	9151329	8	13
	9019275	11	2	9151469	8	
	9019300	11	1	9151643	10	34
	9020154	16	2	9151815		8
	9020381	17	2	9152160	10	24
	9020383	10	22	9153488	14	7
	9020397	10	1	916-4842	2	12
	9020398	10	9	94	21	7
		10	4		12 19	4
	020401	10	2	9977069	12	19
	9022333	12	15	9977153	8	4
	0025043	3	17	9977163	12	22
	025044	3	12	9977164	12	24
	025991	30	5	9977579	3	22
	025992	30	6	9977596	3	26
9	026936-1	15	9	9977597	3	25
9	029768	8	10	9977598		
9	029795	3	11	9977602	3	23
9	029931	7	16	9978397	3	29
90	029934	7	17	9978398	3	5
90	30169	32	18	9978399	3	7
90	31249	9	18	9978400	3	4
	222.0	32	5	9978401	3	8
90	31260	9 32	10		3	2
90	31263	32	17	9979094	3	1
	31878	3	13			
	32134	10	14			
			-1			

_							110 230	744-0-7
REFERENCE NUMBER	FIG.	ITEM NO.	REFERENCE NUMBER	FIG.	ITEM.	R E FER EN CE NUMBER	FIG.	ITEM
T1004	27	9	16-223			NOMBER	NO.	Nn.
T1005	27	10	16-42	19	20	8022006	15	22
T1006-1	27	5		19	22	8031053	13	10
T1006-2	27	4	16-939	21	3	8031098	12	27
0 5	12	3	17-1774-2	20	2	8034459	31	8
	19	3	17-1775-2	19	16	8034483	31	19
070618	18 19	13	20-722	21	6	816-401	19	
10015592-050	30	26	21-308-3	20	4	8165440	10	21
10596841-1		3	21-507-2	19	15	8167019		16
	30 30	11 21	21-507-3	19	14	8167026	8	27
11-419	19	13	2610658	23	14	8167037	8	26
11-824	19	6	27-294	19	11	8167121	4	3
11047500	19	17	30-489	19	9	8167172	31	10
11067500	12	29	43164	12	2		6	6
11067504	11	25		19	2	8167388	13	23
11067508	23	15	49-1819	21	1	8167393	13	12
11067511	25	6	49-2785	19	10	8167412	16 17	4
11067512	25	9	49-2785-2	19	7	8167413		5
11067515	23	9	49-3161	19	19		16	12 11
11067517	2	19	51-858	21	5	8167414	12	5
11067518	11	18	5183444	24	2	8167416	8	1
11067528	13	2	5183447	25	2	8167417	28	5
11067544	15	19		12	11	8167418	8	20
11067546	8	32	5183448	12	9	8167420	28	6
11067553	9		540631	24	7	#C# ORCHODOR THE	29	5
	32	13 23	540683	25	7	8167422	8	8
11067554	9	17	55-534	20	1	8167434	29	6
11067555	32	1	5578538	12	10	8167435	8	6
11067556	32	12	56-1225	20	6	8167436	29	7
11067561	32	20	586088	30	7	8167445	8	23
11067563	13	5	589919	31	15	8167452	8	5
1100/363	28 29	3		29	8	8167465	32	14
11067572	16	5	5952134	30	9	8167494	16	13
11067574	25	8	69-919	20	5	9147405	17	12
12-198	19		69-920	20	3	8167495	6	9
13060166	18	8	7632546	24	4	8167497	5	6
13060167	19	7 5	7632547	24	3	8167501	4	11
	17	6	7632548	24	1	8167506	2	3
13060168	18	2	7632550	24	5	8167527	16	6
13060170	17	8				8167585	12	12
16-1710	21	4	8020622	23	10	8167617	2	18
			8022002	15	23	8167618	2	5

By Order of the Secretary of the Army:

JOHN A. WICKHAM, JR. General, United States Army Chief of Staff

Official:

ROBERT M. JOYCE
Major General, United States Army
The Adjutant General

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